

- 1 -

Grounding switch having a moveable contact piece

CLAIM FOR PRIORITY

5 This application is a national stage of PCT/DE2004/000558 which was published on October 28, 2004 and which claims the benefit of priority to German Application No. 10317735.3 filed April 11, 2003.

TECHNICAL FIELD OF THE INVENTION

10 The invention relates to a grounding switch having a moveable contact piece.

BACKGROUND OF THE INVENTION

15 It is known to use grounding switches having a moveable contact piece for the purpose of grounding a busbar section of an encapsulated compressed gas-insulated switchgear assembly. Since these busbar sections are located in the interior of the encapsulating housing, it
20 is necessary to transfer forces required for driving the moveable contact pieces via complex mechanisms through the encapsulating housing to the moveable contact piece.

The German laid-open specification DE 28 21 049 A1 has
25 disclosed, for example, a hermetically encapsulated insulating gas-filled switchgear assembly having grounding switches. The grounding switches have sealing elements, which are in the form of bellows and seal the moveable contact piece with respect to an encapsulating
30 housing. An electrically conductive connection between the encapsulating housing and the moveable contact piece is produced by means of the bellows. The moveable contact pieces are led to the outside in an electrically conductive manner, with the result that external
35 grounding lines can also be connected to the moveable contact pieces.